

Figure 1

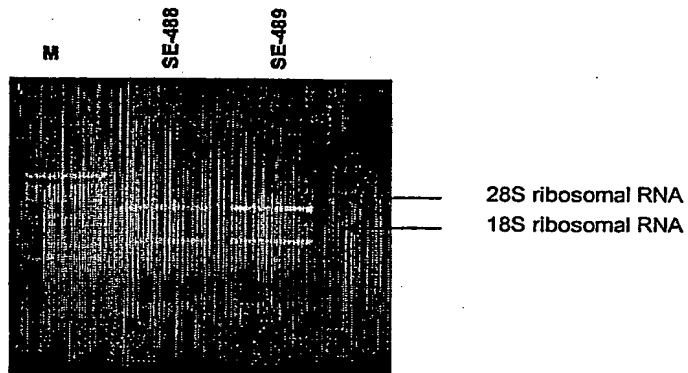


Figure 2

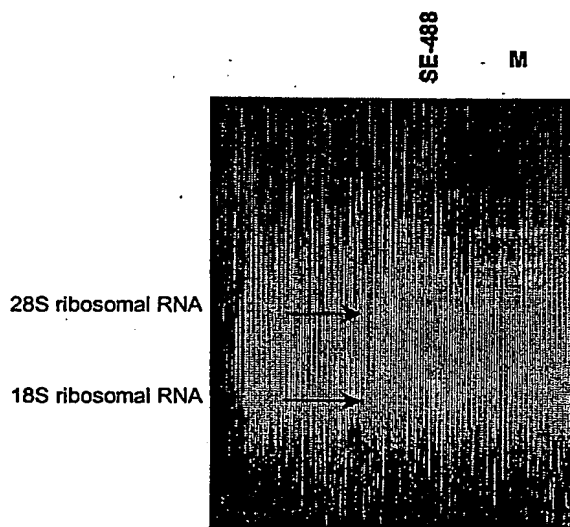


Figure 3

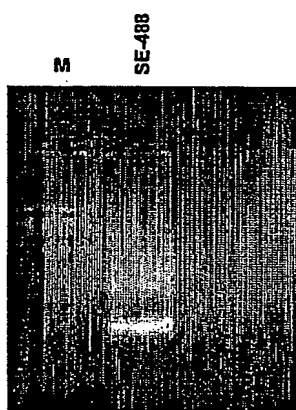


Figure 4

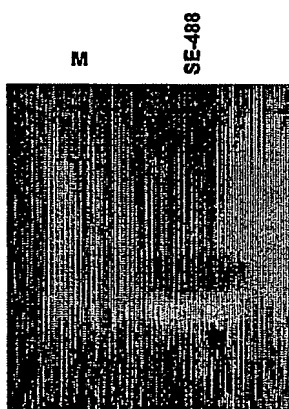


Figure 5

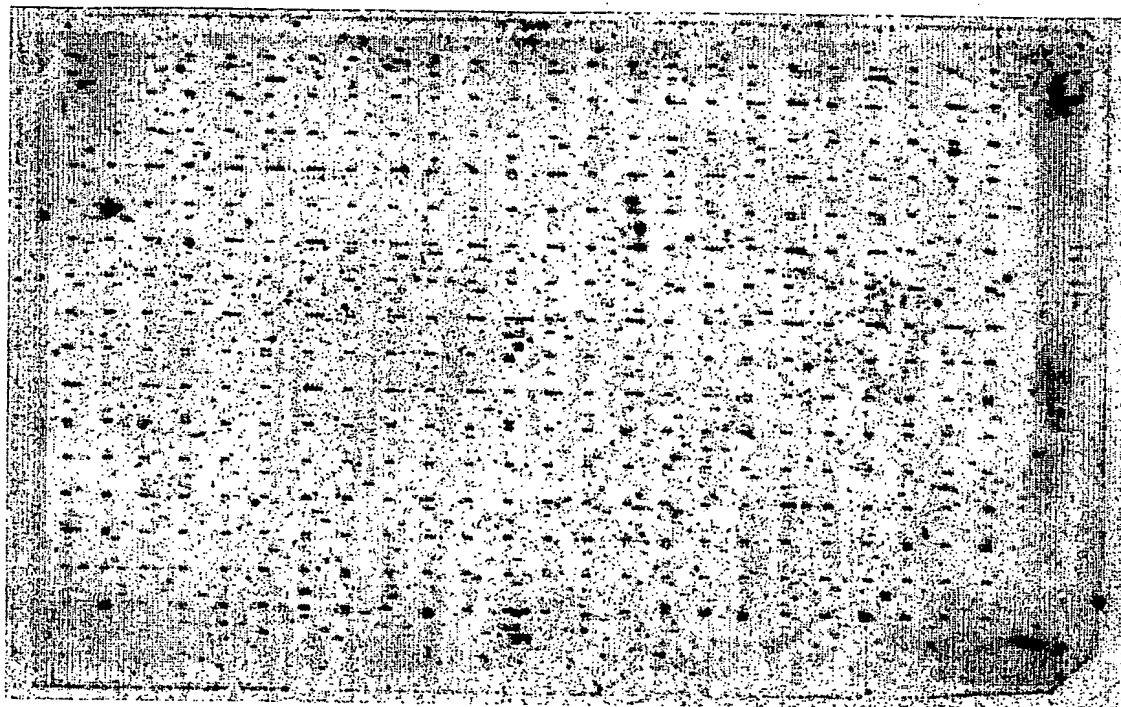


Figure 6

## ABCB1

First type	TAACTACAAAA	CGTAATTAAAAAA	AATTTTCTCGAAATT	CGCA
Reprog	TAACTACAAAA	TGTAATTAAAAAA	AATTTTCTTGAAATT	TGCA
Second type	TAACTACAAAA	TGTAATTAAAAAA	AATTTTCTTGAAATT	TGCA

## IRF7

First type	CGAAACATTTCAACTC	CGCGAAACCCCGCCTCGCCTCGCCTCGGTCTCGGTCCGA
Reprog	TGAAACATTTCAACTC	TGTGAAACCCCTGCCTCTGCCTCTGCCTCTGTCTCTGTCTGA
Second type	TGAAACATTTCAACTC	TGTGAAACCCCTGCCTCTGCCTCTGCCTCTGTCTCTGTCTGA

## ESR1B

First type	TTTTCGTCTTTCCAAAATATTCCATAATATTATAAAAAATCGAAACCGAAAAAAATA
Reprog	TTTTTGTCTTTCCAAAATATTCCATAATATTATAAAAAATTGAAACCTGAAAAAAATA
Second type	TTTTTGTCTTTCCAAAATATTCCATAATATTATAAAAAATTGAAACCTGAAAAAAATA

## GZMA

First type	TTTTAAAAATGCTTTCATCATCTACAATATTAT
Reprog	TTTTAAAAACGCTTTCATCATCTACAATATTAT
Second type	TTTTAAAAATGCTTTCATCATCTACAATATTAT

## CDX1

First type	AAAAAAACCTCTGAACTGTGAATCAAAAAAA
Reprog	AAAAAAACCTCCGAACCGCGAATCAAAAAAA
Second type	AAAAAAACCTCCGAACCTGCGAATCAAAAAAA

Figure 6 Cont'd

## MAGEA2

First type	A	T	G	T	C	A	C	A	T	C	C	T	G	A	A	C	C	A	T	A	A
Reprog	A	C	G	T	C	A	C	A	T	C	C	G	G	A	A	C	C	A	T	A	A
Second type	A	C	G	T	C	A	C	A	T	C	C	G	G	A	A	C	C	A	T	A	A

## THY1

First type	A	A	A	C	C	T	G	A	A	T	T	T	T	C	A	C	T	G	A	A	A	A
Reprog	A	A	A	C	C	C	G	A	A	T	T	T	T	C	A	C	C	G	A	A	A	A
Second type	A	A	A	C	C	T	G	A	A	T	T	T	T	C	A	C	T	G	A	A	A	A